# Felix Tiet

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## EDUCATION

**Vanderbilt University** - Nashville,TN                                     **May 2019**
*B.S., Computer Science* & *B.E., Chemical Engineering*

Relevant Coursework *(currently enrolled)*

| | | |
|---|---|---|
| Intermediate Software Design | Computer Organization | *Algorithms* |
| Program Design and Data Structures | Discrete Structures | *Web-based System Architecture* |
| Principles of Operating Systems | Programming Languages | *Principles of Software Engineering* |

## WORK EXPERIENCE

**Vanderbilt Multiscale Modeling and Simulation Research Facility**     **May 2016 - Present**
*Undergraduate Research Assistant* - Nashville, TN
- Investigate energy storage systems and ionic liquids through Molecular Dynamics simulations
- Build and analyze simulations using software packages such as GROMACS and other analysis tools
- Automate MD simulations by developing various software packages

**CodeDay - StudentRND**                                          **May 2016 - Present**
*Day-of Volunteer, Photographer* - San Francisco, CA & Nashville, TN
- Mentor and interact with 100+ attendees
- Assist with day-of logistics and photography

**Vanderbilt University Chemistry Department**                    **August 2016 - Present**
*Undergraduate Student Worker* - Nashville, TN
- Manage Organic and General Chemistry Laboratory stock room
- Restock Organic teaching laboratory

## LEADERSHIP

**VandyHacks - Vanderbilt University**                        **December 2015 - Present**
*Director of Communications (Spring 2016-Present)*
- Reach out and maintain connections with 15+ representatives of other schools and hackathons
- Maintain various VandyHacks social media pages
- Market and publicize VandyHacks to 10,000+ students and mentors nationwide
- Assist in mini-hackathon Hacker Nights leading up to VandyHacks III
- Hosted 450+ attendees at VandyHacks III

**QuestBridge - Vanderbilt University**                      **August 2016 - May 2017**
*Head Ambassador*
- Organize and coordinate Ambassador events, including Calling Campaigns and Essay Coaching
- Increase awareness of QuestBridge scholars program through local outreach

## PUBLICATIONS

- Osti, N. C., Van Aken, K. L., Thompson, M. W., **Tiet, F.**, Jiang, D., Cummings, P. T., Gogotsi, Y., Mamontov, E. (2016) Solvent Polarity Governs Ion Interactions and Transport in a Solvated Room-Temperature Ionic Liquid. *J. Phys. Chem. Lett.*, 2017, 8(1), 167–171
- Osti, N. C., Dyatkin, B., Thompson, M. W., **Tiet, F.**, Zhang, P., Dai, S., ... & Mamontov, E. (2017). Influence of humidity on performance and microscopic dynamics of an ionic liquid in supercapacitor. *Physical Review Materials*, 1(3), 035402.

## SKILLS

**Technical Skills:** Proficient - C++, Java, Python, C, Bash/UNIX, Git, GROMACS, Microsoft Office
                         Experienced - HTML, CSS, MATLAB
**Language Skills:** Fluent in English & Mandarin